



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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## INSPECTION REPORT

Partial: \_\_\_\_\_ Complete: XXX Exploration: \_\_\_\_\_  
Inspection Date & Time: 11:00a.m.-3:30p.m.  
Date of Last Inspection: 11/9/2000

Mine Name: Horizon Mine County: Carbon Permit Number: [REDACTED]  
Permittee and/or Operator's Name: Lodestar Energy, Inc.  
Business Address: HC 35 Box 370, Helper, Utah 84526  
Type of Mining Activity: Underground XXX Surface \_\_\_\_\_ Prep. Plant \_\_\_\_\_ Other \_\_\_\_\_  
Company Official(s): David Miller, Richard Richie  
State Official(s): Bill Malencik Federal Official(s): None  
Weather Conditions: Cloudy, Chance for Snow, Temp in 30's  
Existing Acreage: Permitted 317 Disturbed 9 Regraded \_\_\_\_\_ Seeded \_\_\_\_\_  
Status: Active XXX

### REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

- Substantiate the elements on this inspection by checking the appropriate performance standard.
  - For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
  - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL ISSUES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4 <sup>th</sup> Quarter- April, May, June)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
22. OTHER: COAL PILE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

## INSPECTION REPORT

(Continuation sheet)

PERMIT NUMBER: C/007/020

DATE OF INSPECTION: 12/11&12/2000

( COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE )

### GENERAL COMMENTS

Performed a complete inspection of the Horizon Mine. The following things were noted at the mine.

-The high ash coal pile is not moving. The mine manager informed me that Andalex can not use it. Sixty percent of the coal has been moved and it has been blended with White Oak coal and Andalex coal. A tentative transaction has been made with Sunnyside Cogeneration. Since this is considered coal, the seller is obligated to pay all required fees.

-Mine was discharging water. The gauge has been moved and was reading 300 GPM. Dave Miller said he measured the outfall and it measured at one-half of the meter volume. The relocation should take care of the problem. The meter is now right side up.

-The operator is awaiting the issuance of a new permit.

-The applicant has a 1,288 acre federal lease from the Bureau of Land Management. Currently, Horizon has an application in good standing for 300+ acres with the Division of Oil, Gas, and Mining. The DOGM/Horizon application lies in a southerly direction from Beaver Creek. Horizon and DOGM are currently working through the application.

-Several items requires routine maintenance, IE., silt fences, straw bales, and ditches. These were all taken care of and the site has been checked.

-The mine is not mining coal.

### **1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE**

The current DOGM permit on patented land, minerals, and with a BLM right-of-way are included in the current authorization. The permit expires 10/1/2001. There are two conditions. The first dealing with the midterm. The second not moving any federal coal until all the permits are in place. Reclamation agreement was reviewed and was dated July 14, 1999.

UPDES permit expires 7/13/2003.

Air Quality Order is on file and the modification was dated 11/7/2000.

SPCC plan was on file and dated 6/4/1999.

## INSPECTION REPORT

(Continuation sheet)

PERMIT NUMBER: C/007/020

DATE OF INSPECTION: 12/11&12/2000

### **4A. HYDROLOGIC BALANCE: DIVERSIONS**

All diversions are designed. The maintenance work in the last inspection report were all completed. All diversions are in working order.

### **4B. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS**

The sediment pond is designed. The third quarter pond inspection report was inspected and reported on 9/20/2000. The report was certified. The pond was not discharging. The pond bottom was barely covered.

### **4D. HYDROLOGIC BALANCE: WATER MONITORING**

The water monitoring reports for the third quarter were reviewed. Missing from the book was ground water 2-6-W, SP-9, SP-2 (see P). Also missing were surface monitoring SS-3, SS-5, and SS-10. All these were found by Mr. Miller and were placed in the book.

### **4E. HYDROLOGIC BALANCE: EFFLUENT LIMITATIONS**

UPDES report was submitted for the month of September on outfalls 001 and 002.

### **7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS**

The matter of coal mine waste has been settled with the understanding that what was referred to as coal waste is high ash coal. This was documented in the board chairman's decision. A hearing was held on April 13, 1999 on a coal waste matter. Horizon took the position that the material was coal. The Division took the position the material was coal waste. The Board ruled in favor of Horizon.

There is a question on AML royalties and black lung fees on the foregoing coal. The material to date has been blended with White Oak coal and payment is made with shipping. However, this is a question on the balance of the fees since it is proposed to go to Sunnyside Cogeneration. This has been discussed with the parties involved. The company is obligated to pay the fees unless they get relief.

### **16A. ROADS: CONSTRUCTION/MAINTENANCE/SURFACING**

The mine had pulled back the coal piles from the road. The pile is about 30 feet from the road ditch. Deer killed on the Consumer's highway was covered in a memo to the State Department of Wildlife.

## INSPECTION REPORT

(Continuation sheet)

PERMIT NUMBER: C/007/020

DATE OF INSPECTION: 12/11&12/2000

### 21. BONDING AND INSURANCE

The bonding and insurance documents are of record and are contained in the inspection's looseleaf booklet maintained by the mine. Received new liability insurance documents from the Division this month and it is good until the last of August 31, 2001. The reclamation agreement is dated July 14, 1999.

### 22. OTHER: COAL PILE

Used belt lining previously stored in a ditch has now been moved to the coal pile. Utah Coal Rules do not allow non-coal waste to be stored in the coal pile. I instructed Mr. Richie to remove and wind up the belt line and place it in the designated non-coal waste storage area.

Inspector's Signature:   
Wm. J. Malencik #26

Date: December 13, 2000

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas & Mining.

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cc: James Fulton, OSM  
David Miller, Lodestar  
Price Field office

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